BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 ATTORNEY DOCKET NO. 0171-0819P

(Status -- potented, pending, aband

(Status --- parented, pending, abandoned)

PLEASE NOTE: YOUMUST COMPLETE THE FOLLOWING: J.

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that my residence, post office address and cinzenship are as stated next to my name, that I verily believe that I am the original, first and sole inventor if only one inventor is named below to an original, first and joint inventor if plural inventors are named below of the subject mater which is claimed and for which a patient is sought on the invention entitled.

Photomask Blank, Photomask and Method of Manufacture Insert Title Fill in Appropriate the specification of which is attached hereto. If not attached hereto, Information ---For Use the specification was filed on Without United States Application Number Specification and amended on __ _ (if applicable); and/or Attached the specification was filed on _ as PCT 1 12 International Application Number ; and was 0 amended under PCT Article 19 on (if applicable) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. Lacknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, 81.56 I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on la le this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows. (... I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s) Priority Claimed Insert Priority Information: 2001-035783 Japan 02/13/2001 \mathbf{x} (if appropriate) (Number) (Month / Day / Year Filed) No (Number) (Country) (Month / Day / Year Filed) (Number) (Country) (Month / Day / Year Filed) (Number) (Country) (Month / Day / Year Filed) I hereby claim the benefit under Title 35. United States Code. §119(e) of any United States provisional application(s) listed below. Insert Provisional Application(s): -> (Application Number) (Filing Date) (it any) (Application Number) All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application. Country Application Number Date of Filing (Month / Day / Year) Insert Requested Information (if appropriate) I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35. United States Code, §112, Lacknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. Insert Prior U.S Application(s):

(Iffline Date)

(Application Number

(Application Number)

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary Atty Dokt No.: 0171-0819P

Raymond C. Stewart	(Reg. No. 21,066)	Terrell C. Birch	(Reg. No. 19.382)
Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
Bernard L. Sweeney	(Reg. No. 24,448)	Michael K Mutter	(Reg. No. 29,680)
Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28,977)
Leonard R. Svensson	(Reg. No. 30.330)	Terry L. Clark	(Reg. No. 32,644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Weiner	(Reg. No. 32,181)
Joe McKinney Muncy	(Reg. No. 32,334)	C. Joseph Faraci	(Reg. No. 32,350)
Donald J. Daley	(Reg. No. 34.313)	John W. Bailey	(Reg. No. 32,881)
John A. Castellano	(Reg. No. 35,094)		

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YOUNUST COMPLETE THE FOLLOWING:	belief are believed to be true; so made are punishable by fin	and further that these state e or imprisonment, or both	my own knowledge are true and that all ments were made with the knowledge that , under Section 1001 of Title 18 of the Un cation or any patent issued thereon	t willful false statem	ents and the like
Fall Name of First or Sole Inventor:	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	9	January
Inventor →	Tsutomu	SHINAGAWA	J. Shinagawa	13	29, 2002
E Insert Date This Document is Signed	Residence (City, State & Country)		i V s y = r = r i i g r c i i i	CITIZENSHIP	
insert Residence	Nakakubiki-gur	n, Niigata-ken,	Japan	Japanes	e
hisert Citizenship	POST OFFICE ADDRESS (Complete				
in it lessent Post Office ->	c/o New Function	hal Materials"R	esearch Center, Shin-Et	su Chemical	Co.,Ltd.,
68.5 Address	28-1, Oaza Nishi	ifukushima, Kub	iki-mura, Nakakubiki-gu	n, Niigata-	ken, Japan
Full Name of Second	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE. Danuary
1 5.7 Investor if any	Tamotsu	MARUYAMA	J. Marujama		29, 2002
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Full Name of Third	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE. January
Inventor, if any see above	Hideo	KANEKO	2. Kanaka		29, 2002
see arrive	Residence (City, State & Country)	1	7,019	CITIZENSHIP	
	Nakakubiki-gu	n, Niigata-ken,	Japan	Japanes	ie
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Full Name of Fourth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		OATE*
Inventor, if any	Mikio	KOJIMA	m. kajima	1	January 29, 2002
	Residence (City, State & Country)		CITIZENSHIP	
		n, Niigata-ken,	Japan	Japanes	ie
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Full Name of Fidth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE. January
Inventor, if any see above	Yukio	INAZUKI	J. Inegular		29. 2002
	Residence (City, State & Country	0	- wayer	CITIZENSHIP	
	Nakakubi ki_mu	n, Niigata-ken,	Tapan	Japanes	
	POST OFFICE ADDRESS (Comple	ete Street Address including City, S	itate & Country)		
	c/o New Functional Materials Research Center, Shin-Etsu Chemical Co., Ltd.				
	28-1, Oaza Nish	nifukushima, Ku	biki-mura, Nakakubiki-g	un, Niigata	-ken, Japa
Page 2 of 2 (Revised 11-98)	* DATE DE SIGNATURE				

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patient and Trademark, Office connected therewith and in connection with the resulting gutent based on instructions received from the entity who first sent the application papers to the antoneys identified below, thicks the intendeds) of assignce provides and attorneys with a written notice to the contrary. Aftry Dockt No.: 0171~0819P

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THE I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and FOLLOWING: belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full Name of First or GIVEN NAME FAMILY NAME January Sole Inventor: Insert Name of Okazak Satoshi OKAZAKI Insert Date This CITIZENSHIP Document is Signed Residence (City, State & Country) Nakakubiki-qun, Niigata-ken, Japan Japanese Insert Citizenship POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o New Functional Materials Research Center, Shin-Etsu Chemical Co., Ltd. Insert Para Office -28-1, Oaza Nishifukushima, Kubiki-mura, Nakakubiki-gun, Niigata-ken, Japan Address GIVEN NAME FAMILY NAME INVENTOR'S SIGNATURE DATE Full Name of Second Inventor, if any: ary. Residence (City, State & Country) CITIZENSHIP POST OFFICE ADDRESS (Complete Street Address including City, State & Country) DATE* GIVEN NAME **FAMILY NAME** INVENTOR'S SIGNATURE Ball Name of Third CITIZENSHIP Residence (City, State & Country) PDST DFFICE ADDRESS (Complete Street Address including City, State & Country) GIVEN NAME **FAMILY NAME** INVENTOR'S SIGNATURE DATE Inventor, if any see abo Residence ICity, State & Countryl CITIZENSHIP POST OFFICE ADDRESS (Complete Street Address including City, State & Country)

INVENTOR'S SIGNATURE

FAMILY NAME

PDST OFFICE ADDRESS (Complete Street Address including City, State & Country)

DATE

CITIZENSHIP

Page 2 of 2 (Revised 11-98)

Full Name of Fifth Inventor, if any

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* DATE OF SIGNATURE

Residence (City, State & Country)